

<p>ESE ALCOHOL, INC. PO BOX 848 LEOTI, KS 67861</p> <p align="center">KANSAS PERMIT # IUA26-NP1</p>	<p align="center">MONTITORING REPORT</p> <p>KDHE - DIVISION OF ENVIRONMENT BUREAU OF WATER - TECHNICAL SERVICES SECTION FORBES FIELD, BUILDING 283 TOPEKA, KS 66620-001 ATTN: PERMITS & COMPLIANCE</p> <p>DUE QUARTERLY: JAN 28TH APRIL 28TH JULY 28TH AND OCT 28TH FOR A YEAR. <small>THEN ANNUALLY THEREAFTER</small></p> <p>ISSUE DATE: <u>10/01/2021</u> EXPIRATION DATE: <u>09/30/2025</u></p> <p>TELEPHONE NO: (620) 375-4904</p>	<p align="center">ESE ALCOHOL, INC. PO BOX 848 LEOTI, KS 67861</p> <p align="center">KANSAS PERMIT # IUA26-NP1</p>	<p align="center">MONTITORING REPORT</p> <p>KDHE - DIVISION OF ENVIRONMENT BUREAU OF WATER - TECHNICAL SERVICES SECTION FORBES FIELD, BUILDING 283 TOPEKA, KS 66620-001 ATTN: PERMITS & COMPLIANCE</p> <p>DUE QUARTERLY: JAN 28TH APRIL 28TH JULY 28TH AND OCT 28TH FOR A YEAR. <small>THEN ANNUALLY THEREAFTER</small></p> <p>ISSUE DATE: <u>12/31/21</u> EXPIRATION DATE: <u>12/31/27</u></p> <p>TELEPHONE NO: (620) 375-4904</p>																			
<p><small>EPA = TARGET RATE MCL = MAXIMUM CONTAMINANT LEVEL (ppm/mg/l) MAD = NATIONAL ACADEMY OF SCIENCES NDNR = NATIONAL SECONDARY DRINKING WATER REGULATIONS (ppm/mg/l)</small></p> <h3 align="center">GROUNDWATER WELLS</h3>		<p><small>EPA = TARGET RATE MCL = MAXIMUM CONTAMINANT LEVEL (ppm/mg/l) MAD = NATIONAL ACADEMY OF SCIENCES NDNR = NATIONAL SECONDARY DRINKING WATER REGULATIONS (ppm/mg/l)</small></p> <h3 align="center">GROUNDWATER WELLS</h3>																				
PAGE 1																						
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ARSENIC TOTAL	ARSENIC FILTERED	LEAD FILTERED	NICKEL FILTERED	SELENIUM FILTERED	ZINC FILTERED	BARIUM FILTERED	IRON TOTAL	IRON FILTERED	TOTAL MERCURIES	ALUMINUM	CHLORIDE	SODIUM	SULFATE	SULFIDE	NO ₃ -NITRATE	TOTAL PHOSPHORUS	TOTAL ORGANIC CARBON	ELECTRICAL CONDUCTIVITY	LAB pH	FIELD pH	STATIC WATER ELEVATION	
STANDARD	MCL	MCL	MCL	MCL	NDNR	NDNR	NDNR	NDNR	NDNR	NDNR	NDNR	MCL	NDNR	MCL	MCL	MCL	MCL	umhos	mmhos	6.5 to 8.5	NDNR	
LIMIT	10 ug/L	10 ug/L	10 ug/L	10 ug/L	20 ug/L	10 ug/L	50 ug/L	50 ug/L	5 ug/L	70 ug/L	10 mg/L	0.5 mg/L	NDNR	1.0 mg/L	1.0 mg/L	0.1 mg/L	0.1 mg/L	mmhos				
																	REPORTING PERIOD 04/28/2021					
GWW #1 (ESE DOMESTIC) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES																	GWW #1 (ESE DOMESTIC) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES					
quantative level	3.0 ug/L	1.0 ug/L	10.0 ug/L	5.0 ug/L	15.0 ug/L	50.0 ug/L	5.0 ug/L	50.0 ug/L	5.0 ug/L	75.0 ug/L	5.0 mg/L	500.0 uat	5.0 mg/L	1.0 mg/L	0.10 mg/L	0.10 mg/L	1.0 mg/L	umhos	0.10ug/L	0.10ug/L	mg/L	
3/31/2021	3.8	3.5	ND	ND	ND	ND	118	266	132	133	ND	48.2	29.900	56.6	ND	3.2	ND	3.7	0.75	NT	7.47	NT
																	REPORTING PERIOD 04/28/2021					
GWW #2 (ESE EAST SUPPLY) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES																	GWW #2 (ESE EAST SUPPLY) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES					
quantative level	3.0 ug/L	1.0 ug/L	10.0 ug/L	5.0 ug/L	15.0 ug/L	50.0 ug/L	5.0 ug/L	50.0 ug/L	5.0 ug/L	75.0 ug/L	5.0 mg/L	500.0 uat	5.0 mg/L	1.0 mg/L	0.10 mg/L	0.10 mg/L	1.0 mg/L	umhos	0.10ug/L	0.10ug/L	mg/L	
3/31/2021	78.8	15.4	ND	ND	ND	ND	128	28.600	4920	513	ND	74	35.900	71.9	1.0 mg/L	3.4	ND	1.0	0.932	NT	7.3	NT
																	REPORTING PERIOD 04/28/2021					
GWW #3 (ESE-GREEN) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES																	GWW #3 (ESE-GREEN) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES					
quantative level	1.0 ug/L	1.0 ug/L	10.0 ug/L	5.0 ug/L	15.0 ug/L	50.0 ug/L	5.0 ug/L	50.0 ug/L	5.0 ug/L	75.0 ug/L	5.0 mg/L	500.0 uat	5.0 mg/L	1.0 mg/L	0.50 mg/L	0.10 mg/L	1.0 mg/L	umhos	0.10ug/L	0.10ug/L	mg/L	
3/31/2021	4.1	4.2	ND	ND	ND	68.1	148	ND	ND	ND	ND	29	22.500	53.2	ND	5.7	ND	ND	0.634	NT	7.76	NT
																	REPORTING PERIOD 04/28/2021					
GWW #5 (ESE-KING) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES																	GWW #5 (ESE-KING) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES					
quantative level	1.0 ug/L	1.0 ug/L	10.0 ug/L	5.0 ug/L	15.0 ug/L	50.0 ug/L	5.0 ug/L	50.0 ug/L	5.0 ug/L	75.0 ug/L	10.0 mg/L	500.0 uat	10.0 mg/L	1.0 mg/L	0.50 mg/L	0.10 mg/L	1.0 mg/L	umhos	0.10ug/L	0.10ug/L	mg/L	
3/31/2021	2.5	2.7	ND	ND	ND	ND	100	ND	ND	ND	157	65.000	95.8	ND	9.2	ND	1.3	1.19	NT	7.4	NT	
																	REPORTING PERIOD 04/28/2021					
GWW TTF (PRIVATE WELL) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES																	GWW TTF (PRIVATE WELL) TESTING BY PACE ANALYTICAL SERVICES, INC. FILTERED SAMPLES					
quantative level	1.0 ug/L	1.0 ug/L	50.0 ug/L	5.0 ug/L	15.0 ug/L																	

ESE ALCOHOL, INC. PO BOX 848 LEOTI, KS 67861 <div style="text-align: right;">SWD</div>	MONITORING REPORT KDHE - DIVISION OF ENVIRONMENT BUREAU OF WATER - TECHNICAL SERVICES SECTION FORBES FIELD, BUILDING 283 TOPEKA, KS 66620-001 ATTN: PERMITS & COMPLIANCE	DUE QUARTERLY: JAN 28TH, APRIL 28TH, JULY 28TH AND OCT 28TH FOR A YEAR. THEN ANNUALLY THEREAFTER. ISSUE DATE: <u>10/01/2010</u> EXPIRATION DATE: <u>09/30/2015</u> TELEPHONE NO. (620) 375-4904									
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> EPA = TARGET RATE MCL = MAXIMUM CONTAMINATE LEVEL NAS = NATIONAL ACADEMY OF SCIENCES NSDWR = NATIONAL SECONDARY DRINKING WATER REGULATIONS </div> <div style="width: 40%; text-align: center;"> <h2 style="margin: 0;">INFLUENT</h2> </div> <div style="width: 30%; text-align: right;"> PAGE 1 </div> </div>											
<div style="display: flex; justify-content: space-between;"> KANSAS PERMIT # I-UA26-NP01 KANSAS PERMIT # I-UA26-NP01 </div>											
	ARSENIC	CHLORIDE	SODIUM	SULFATE	NH3-N AMMONIA	NO3 NITRATE	TKN	pH	TOTAL PHOSPHORUS	TOTAL ORGANIC CARBON	ELECTRICAL CONDUCTIVITY
<div style="display: flex; justify-content: space-between;"> TESTING BY PACE ANALYTICAL SERVICES, INC. REPORTING PERIOD 04/28/2021 </div>											
NON-FILTERED SAMPLE											
quantitative level	20.0 ug/L	20.0 mg/L	2,500 ug/L	20.0 mg/L	.1 mg/L	.1 mg/L	50.0 mg/L	0.10 s.u.	5.0 mg/L	5000.0 mg/L	1.0 umhos
3/31/2021	ND	315	148,000	86.1	13.6	0.69	730	3.6	245	10,800.0	4,620

ESE ALCOHOL, INC. PO BOX 848 LEOTI, KS 67861 SWD			MONITORING REPORT KDHE - DIVISION OF ENVIRONMENT BUREAU OF WATER - TECHNICAL SERVICES SECTION FORBES FIELD, BUILDING 283 TOPEKA, KS 66620-0001 ATTN: PERMITS & COMPLIANCE										SAMPLED AND ANALYZED PRIOR TO IRRIGATION SEASON WHEN UTILIZED FOR IRRIGATION REPORTED ANNUALLY					
KANSAS PERMIT # I-UA26-NP01 ISSUE DATE: 06/01/2004 EXPIRATION DATE: 09/30/2015			MASH WATER IRRIGATION										ISSUE DATE: <u>10/01/2010</u> EXPIRATION DATE: <u>09/30/2015</u> TELEPHONE NUMBER: (620) 375-4904					
KANSAS PERMIT # I-UA26-NP01			PAGE 1															
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CHLORIDE	SODIUM	SULPHATE	AMMONIUM NH3-N	NITRATE NO3	TOTAL PHOSPHOROUS	TKN	POTASSIUM	pH	TOTAL CALCIUM	TOTAL MAGNESIUM	HARDNESS	ALKALINITY	ELECTRICAL CONDUCTIVITY	TDS	SAR ABSORPTION	DISSOLVED ORGANIC CARBON		
TESTED BY PACE ANALYTICAL SERVICES, INC.									REPORTING PERIOD 04/28/2021				TESTED BY PACE ANALYTICAL SERVICES, INC.					
quantitative level	100.0 mg/L	1,500 ug/L	20.0 mg/L	5.0 mg/L	.1 mg/L	25.0 mg/L	50.0 mg/L	1,500 ug/L	0.10 s.u	600 ug/L	150 ug/L	1,500 mg/L	20.0 mg/L	1.0 umhos/cm	250.0 mg/L	meq/L	5,000.0 mg/L	
3/31/2021	545	402,000	277	346	0.64	1030	832	1,560,000	4.7	438,000	520,000	3,200,000	950	10,500	12,500	3.1	12,700.0	

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<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="width: 10%;">TOTAL SOLIDS %</th> <th style="width: 5%;">TKN</th> <th style="width: 10%;">NH3N AMMONIUM</th> <th style="width: 10%;">NO3 NITRATE</th> <th style="width: 10%;">TOTAL NITROGEN</th> <th style="width: 10%;">TOTAL PHOSPHOROUS (P)</th> <th style="width: 10%;">TOTAL PHOSPHATE (P2O5)</th> <th style="width: 10%;">TOTAL POTASSIUM (K)</th> <th style="width: 10%;">POTASH (K2O)</th> <th style="width: 10%;">CHLORIDE</th> <th style="width: 10%;">ELECTRICAL CONDUCTIVITY</th> <th style="width: 10%;">SODIUM</th> <th style="width: 10%;">SULPHATE</th> <th style="width: 10%;">pH</th> </tr> </thead> <tbody> <tr> <td colspan="13">BIO SOLID NUTRIENTS</td> <td>REPORTING PERIOD 04/28/2021</td> </tr> <tr> <td colspan="13">TESTED BY PACE ANALYTICAL SERVICES, INC.</td> <td>LATE TEST DATE DUE TO COVID-19</td> </tr> <tr style="background-color: #d9ead3;"> <td>quantitative level</td> <td>0.10%</td> <td>1,510 mg/kg</td> <td>58.9 mg/kg</td> <td>24.1 mg/kg</td> <td>1.0 mg/kg</td> <td>CALC mg/kg</td> <td>CALC mg/kg</td> <td>CALC mg/kg</td> <td>CALC mg/kg</td> <td>124 mg/kg</td> <td>1.0 mmhos/cm</td> <td>104 mg/kg</td> <td>49.4 mg/kg</td> <td>0.10 s.u.</td> </tr> <tr> <td>3/31/2021</td> <td>41.4</td> <td>52,200</td> <td>6,460</td> <td>ND</td> <td>52,200</td> <td>2,367</td> <td>5,424</td> <td>1,625</td> <td>1,958</td> <td>1,620</td> <td>9,320</td> <td>836</td> <td>774</td> <td>4.4</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			TOTAL SOLIDS %	TKN	NH3N AMMONIUM	NO3 NITRATE	TOTAL NITROGEN	TOTAL PHOSPHOROUS (P)	TOTAL PHOSPHATE (P2O5)	TOTAL POTASSIUM (K)	POTASH (K2O)	CHLORIDE	ELECTRICAL CONDUCTIVITY	SODIUM	SULPHATE	pH	BIO SOLID NUTRIENTS													REPORTING PERIOD 04/28/2021	TESTED BY PACE ANALYTICAL SERVICES, INC.													LATE TEST DATE DUE TO COVID-19	quantitative level	0.10%	1,510 mg/kg	58.9 mg/kg	24.1 mg/kg	1.0 mg/kg	CALC mg/kg	CALC mg/kg	CALC mg/kg	CALC mg/kg	124 mg/kg	1.0 mmhos/cm	104 mg/kg	49.4 mg/kg	0.10 s.u.	3/31/2021	41.4	52,200	6,460	ND	52,200	2,367	5,424	1,625	1,958	1,620	9,320	836	774	4.4																																																												
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